In the Specification

Please replace Tables 1 through 6-2, pages 65 - 71, with attached Replacement Pages 65 -

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Table 1

	Chemical Composition(mass)											
C Si Mn P S Cr Ni N Mo Al Ti Ti/(C+N)												
0.003	0.08	0.24	0.024	0.002	15.9	0.11	0.006	0.01	0.01	0.166	18.4	

Table 2

	Hot-rolled an	Cold-rolled annealed steel sheet		
Sample No.	Grain size number (Gs No.)	Average diameter Dp of Ti base precipitates Dp (µm)	Vield strength (MPa)	
A	5.59	5.59 0.28		
В	6.04	6.04 0.28		
C	6.46	0.28	244	
D	6.82	0.28	246	
E	7.35	0.28	257	
F	5.75	0.03	250	
G	6.18	0.03	260	
H	6.71	0.03	265	
I	7.00	0.03	274	
J	7.36	0.03	280	

Table3

				66	_	
	Кеплагкв	Comparative example	Example	Example	Comparative example	
Nose temperature	of Ti base precipitates	770	160	740	730	
	Ti/(C+N)	13.3	13.4	12.3	11.9	
	Ti	0.159	0.161	0.160	0.155	
	ΙΑ	0.02 0.159	0.02	0.02	0.01 0.02 0.155	
(6	Mo	0.01	0.01	0.01	0.01	
Chemical composition (mass%)	N	0.11 0.008	0.008	0.11 0.008	16.2 0.11 0.008	
position	Ä	0.11	0.12	0.11	0.11	
ical com	Ç	16.2	16.1	16.1	16.2	
Chem	Ω	0.003	0.003	0.003	0.003	
	Ъ	0.046	0.038	0.013	0.008	
	Mn	0.10 0.25	0.24	0.11 0.25	0.005 0.10 0.25 0.008	
	Si		0.10	0.11	0.10	
	ນ	0.004	0.004	0.005	0.005	
	Steel	1	7	ಣ	4	

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Replacement

	Remarks	Comparative example	Example	Example	Comparative example	Comparative example	Example	Example	Example	Example	Comparative example
	Refini ng time	А	В	В	ລ	В	В	В	В	В	В
	Surface Ridgin roughne g rank 88	0.08	0.10	0.07	0.08	0.08	60.0	0.11	0.11	60.0	0.09
. [Ridgin g rank	В	В	В	В	В	В	В	В	В	В
	Δr	0.21	0.13	0.13	0.14	0.11	0.13	0.15	0.15	0.17	0.15
	Avera ge r value	1.05	1.15	1.22	1.24	1.08	1.16	1.25	1.21	1.16	1.04
	E %	31.8	34.1	35.3	35.6	32.6	33.6	34.1	34.6	34.8	35.1
	T S MPa	444	429	422	418	450	432	430	429	429	425
	Y S MPa	280	263	250	243	281	265	255	253	251	248
Table 4-1	Grain size number of cold-rolled steel sheet		ı	ı	1		1		•	,	ı
	Ratio(%) of precipitated P to total P(mass%)	72	75	7.1	69	33	72	99	99	73	89
	Ratio(%) of precipitated Ti to total Ti (mass%)	09	7.1	69	55	40	61	72	75	09	99
	Grain size number of hot-rolled steel sheet	6.1	6.2	6.2	6.0	6.0	6.1	6.1	6.1	6.1	6.1
	Average diameter Dp of Ti base precipitates pm	0.12	0.10	0.11	0.12	0.03	0.07	0.25	0.61	0.88	1.15
	Steel	П	2	3	4	2	2	2	2	2	7
	Numb	-	2	က	4	ro	9	7	∞	6	10

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Remarks	Comparative example	Comparative example	Example	Example	Comparative example	Comparative example	Example	Example	Example
Refini ng time	В	В	В	В	В	В	В	В	В
Surface roughne ss µ m	0.45	0.25	0.07	0.06	0.48	0.32	0.08	0.06	0.03
	Q	ລ	g	В	Q	၁	В	В	А
Δr	0.41	0.31	0.17	0.08	0.37	0.32	0.15	0.11	0.07
Avera ge r value	1.04	1.2	1.27	1.31	1.69	1.9	2.03	2.01	1.88
E %	31.4	34.9	34.2	33.8	30.8	34.8	34.3	33.8	33.1
T S MPa	420	428	433	435	425	432	435	438	439
Y S MPa	246	252	259	260	243	255	257	259	262
Grain size number of cold-rolled steel sheet	1	1	1	•	4.5	5.6	6.2	6.8	7.1
Ratio(%) of precipitated P to total P(mass%)	99	52	61	92	70	55	91	80	7.1
Ratio(%) of precipitated Ti to total Ti (mass%)	62	55	28	80	61	92	62	55	55
Grain size number of hot-rolled steel sheet	4.5	5.5	6.6	7.1	6.2	6.2	6.2	6.2	6.2
Average diameter Dp of Ti base precipitates	0.28	0.24	0.25	0.27	0.11	0.11	0.11	0.11	0.11
Steel	2	2	2	2	60	3	က	3	9
Numb	11	12	13	14	15	16	17	18	19

able 4-2

	Remarks	Inappropriate steel	Appropriate steel	Appropriate steel	Appropriate steel	Inappropriate steel	Inappropriate steel	Appropriate steel	Appropriate steel	Inappropriate steel	Inappropriate steel
Nose temperature of		770	. 760	750	740	730	730	720	700	690	760
	Ti/ (C+N)	13.3	13.4	18.4	12.3	11.9	15.6	16.6	17.4	17.9	5.55
	Тi	0.159	0.161	0.166	0.160	0.155	0.250	0.249	0.244	0.250	0.050
	A 1	0.03	0.05	0.01	0.05	0.02	0.03	0.03	0.03	0.03	0.01
3%)	о М	0.01	0.01	0.01	0.01	0.01	0.17	0.18	0.18	0.17	0.01
cal composition (mass%)	N	0.008	0.008	900'0	0.008	0.008	0.009	0.008	0.008	0.007	0.006
mpositic	N i	0.11	0.12	0.11	0.11	0.11	0.25	0.24	0.25	0.25	0.11
	Cr.	16.2	16.1	15.9	16.1	16.2	11.2	11.2	11.1	11.2	16.3
Chemi	Ω	0.003	0.002	0.002	0.003	0.003	0.002	0.002	0.002	0.00	0.002
	Ъ	0.046	0.038	0.024	0.013	0.008	0.042	0.031	0.014	0.005	0.033
	Mn	0.25	0.24	0.24	0.25	0.25	0.31	0:30	0.31	0:30	0.26
	S i.	0.10	0.10	0.08	0.11	0.10	0.25	0.24	0.25	0.25	0.08
	Ŋ	0.004	0.004	0.003	0.005	0.005	0.007	0.007	900.0	0.007	0.110
	Steel	5	9	7	80	6	10	11	12	13	14

 $\operatorname{Table5}$

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	Кешагкя	Comparative axamule	Example	Example	Example	Comparative example	Comparative example	Example	Example	Comparative examble
	Ridg Refining ing rank time	٧	В	В	В	С	٧	В	В	C
	Ridg	В	В	В	В	В	В	В	В	В
	Δ .	0.21	0.19	0.22	0.23	0.60	0.19	0.24	0.24	0.55
	Avera ge r value	1.4	1.8	1.9	1.7	1.6	1.5	1.9	2.1	1.9
	<u></u> %	27	35	35	35	32	31	37	40	36
	TS	490	450	444	435	439	480	426	420	422
	YS TS MPa MPa	340	273	265	255	258	325	246	240	243
	Ratio(%)of precipitated Ti to total P(mass%)(Co ld-rolled steel sheet)	40	66	70	88	75	68	68	69	75
	Ratio(%)of precipitated Ti to total Ti(mass%)(C old-rolled steel sheet)	40	76	83	99	70	80	75	89	86
Table 6-1	Grain size number of cold- rolled steel sheet (Gs No.)	6.8	6.7	7.0	6.9	6.9	7.2	7.1	6.9	6.8
	Temperature difference of annealing Temperature of cold-rolled steel sheet from T	+36	+30	+30	+30	+30	+30	+30	+30	+30
	Ratio(%)of precipitate d Ti to total P(mass%)(h ot-rolled steel sheet)	55	. 70	75	96	80	75	88	99	80
	Ratio(%)of Ratio(%)of precipitate d precipitate d Ti to total Ti to total Ti(mass%)(h P(mass%)(h ot-rolled steel sheet)	99	08	98	88	80	88	82	75	89
	Average diameter Dp of Ti base precipitate s	0.30	0.25	0.15	0.18	0.04	0.15	0.22	0.25	0.03
	Temperatur Average e difference diameter of annealing Dp of Ti Steel temperature base of hot-rolled precipitate steel sheet steel	+20	0#	0#	0#	0#	0#	0∓	07	0∓
	Steel	9	9	7	8	6	10	11	12	13
	Num	20	21	22	23	24	25	56	27	28

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	Remarks	Comparative example	Comparative example	Comparative example	Comparative	Comparative example	Example	Comparative example	Comparative example	Comparative
	Ridg Refin ing ing rank time	В	В	В	В	В	В	Œ	ЭЭ	m
	Ridg Refin \$\triang ring ing rank time	В	C	В	В	В	В	С	Ω	Ω
	٥	0.22	0.13	0.55	0.21	0.29	0.26	0.15	0.17	0.39
	Avera ge r value	1.6	1.2	1.18	1.55	1.66	1.55	1.9	2.0	1.1
	편 % · ·	34.5	34.3	29	34	35	34.3	38	40	26
	TS	450	200	418	465	440	441	420	412	510
	YS	280	320	248	281	293	297	241	237	285
	Ratio(%)of precipitated Ti to total P(mass%)(Co ld-rolled steel sheet)	43	46	06	76	99	80	92	80	22
	Ratio(%)of precipitated Ti to total Ti(mass%)(C old-rolled steel sheet)	50	40	09	99	70	70	99	70	09
Table 6-2	Grain size number of cold- rolled steel sheet (Gs No.)	6.7	6.9	6.9	7.0	6.5	6.8	6.8	6.0	6.6
	Temperature difference of annealing Temperature of cold-rolled steel sheet from T	+30	+30	+10	+40	+130	09+	+20	+30	+30
	Ratio(%)of Ratio(%)of precipitate d Ti to total Ti(mass%)(h P(mass%)(h otrolled ateel sheet)	25	40	80	76	89	80	96	88	70
		30	96	70	80	75	89	99	06	89
	Average diameter Dp of Ti base precipitate s	0.03	0.02	1.11	0.03	0.22	0.22	0.22	0.22	0.13
	Temperatur Average e difference diameter of annealing Dp of Ti Steel temperature base of hot-rolled precipitate steel sheet from T C pun	09+	-70	0#	0#	0#	0#	0#	07	0#
		7	7	7	7	7	7	7	7	14
	Num ber	29	စ္တ	31	32	33	34	35	36	37

Pable 6-2